

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** July 6, 2005

**Inspector:** Diana Walden

**Location:** 345 kV Underground Route

**Storm/**

**Rain Event:** The area received 0.98" of rain over 6/30-7/1 and 0.29" on the day of inspection. This total is likely higher in our location based on direct observation.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	<p>- Trenching and pipe installation operations have continued in several areas along Rt. 7 in Wilton during nightwork. 7/6/05</p> <p>- Trenching and the first 100 feet of pipe was installed along Rt. 107 in Redding near Umpawaug Rd. by the time of inspection. The trench was being flow filled and covered. 7/6/05</p>	<p>-All work has been in the roadway and seems well contained for the most part. See erosion control sections for specific recommendations. 7/6/05</p>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> <li>- Most areas of silt fence remain installed in the areas of active work along Rt. 7 and Rt. 107. Some locations of repair are needed. 7/6/05</li> <li>- The spot which has been signaled in previous reports, located to the south of the equipment storage yard (along Rt. 7) was not yet addressed due to confusion on the location. The road drainway is left exposed to run-off and sedimentation. It was determined that haybales should be staked here to prevent drainage issues from the road while still providing some filtration. 7/6/05</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to monitor and maintain and repair the fence when necessary. 6/09-7/6/05</li> <li>- The spot was shown directly to NU and haybales will be staked in the drainway. Silt fence may prevent the roadway drainage which usually takes place here. Active work is currently in this area. 7/6/05</li> </ul>
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> <li>- Several pieces of wood/debris had been left against and beyond the area of silt fence. 6/29-7/6/05</li> <li>- Two small stockpiles (asphalt and fill) are located near the intersection of Rts. 107 and 7. 7/6/05</li> <li>- Several small areas of silt fence along the Rt. 107 section of the dig need to be toed in or repaired before active work reaches them. 7/6/05</li> </ul>	<ul style="list-style-type: none"> <li>- Practice appropriate "housekeeping" and be sure to remove any left over debris from work areas. 6/29-7/6/05</li> <li>- Haybales or silt fence should be placed at the base of the piles to prevent any sedimentation downgradient 7/6/05</li> <li>- Silt fence should be maintained and repaired prior to active work in these areas. 7/6/05</li> </ul>
Adjacent Wetlands and Waterways	<ul style="list-style-type: none"> <li>- None of the wetland resource areas adjacent to the roadway work have been affected by the activities. No sedimentation or turbidity was noted. 7/6/05</li> </ul>	<ul style="list-style-type: none"> <li>- None at this time. Continue to monitor.</li> </ul>
Staging, Storage, and Parking Areas	<ul style="list-style-type: none"> <li>- The equipment storage yard located on property off Rt. 7, south of the Rt 107 and 7 intersection still appears to be in good shape. 6/09-7/6/05</li> <li>- All equipment had been</li> </ul>	<ul style="list-style-type: none"> <li>- In general, equipment should</li> </ul>

Areas of Inspection	Observation	Recommended Action
	<p>pulled back to appropriate parking areas away from wetlands. 7/6/05</p> <p>-The storage/parking area in the lot of the Methodist Church was also being used and is in good repair. 6/22-7/6/05</p>	<p>not be left above or adjacent to wetlands during inactive hours. 7/6/05</p> <p>-None at this time. 7/6/05</p>
Soils	- The soils in the area of Umpawaug Road are considered polluted. All excavate is being trucked to a waste facility in Danbury for storage. 7/6/05	- If the soils have not exceeded certain pollutant levels, it should be considered whether the town of Redding could use it as landfill cover. 7/6/05
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	-No significant clearing appeared to be necessary at this time. Some minor ground cover disturbance was necessary in a few locations 7/6/05	- When ground cover removal is necessary along the sides of the roadway, the areas will be restored and reseeded following the work. 7/6/05
Dewatering	-Dewatering that occurs along Rt. 107 and Rt. 7 is being directed to a frac tank truck. When the water is coming from soils that are considered background polluted and not contaminated, it should be determined whether it can be released safely to the water table it came from to recharge the area. 7/6/05	<p>- It should be determined whether the water can be safely recharged to the area rather than trucked away. 7/6/05</p> <p>-Keep all dewatering directed to haybales/corrals as proposed. Do not allow unfiltered water to discharge directly to wetlands, streams or catch basins. 7/6/05</p>
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.

Areas of Inspection	Observation	Recommended Action
Spills and Material Storage	- No spills or leaks were observed during the inspection. 7/6/05	- The contractors should remain vigilant about securing and handling fuel containers. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Check equipment status on a regular basis and keep spill kits on hand. - Report spills immediately, even if they are being controlled.
Additional Observations		

**Next likely scheduled inspection:**

Thursday, July 14, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:**

Diana Walden



Route 107 near Umpawaug Road. Trenching and pipe installation had begun in this location on the day of the inspection. 7/6/05



An asphalt and soil pile located near the intersection of Rt. 107 and 7 should have haybales or silt fence at their base to prevent sedimentation. 7/6/05





A rainy view of the storage area off Rt. 7 in Wilton. 7/6/05



View of the recent area of trenching across from the United Methodist Church. 7/6/05